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Final Draft

Massachusetts Department of Environmental Protection Program Plan/ Environmental Performance Partnership Agreement 2007-09

September 2006

**Massachusetts Department of Environmental Protection
U.S. Environmental Protection Agency
New England**

This document is the Massachusetts Department of Environmental Protection's (MassDEP's) Program Plan for Fiscal Years 2007-2009. It is also the Performance Partnership Agreement (PPA) between MassDEP and the United States Environmental Protection Agency (EPA) for the same period (FY07-FY09).

Public Comment Period September 12, 2006 to September 26, 2006

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Massachusetts Department of Environmental Protection Program Plan/ Environmental Performance Partnership Agreement 2007-2009

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**Massachusetts Department of Environmental Protection Program Plan/
Environmental Performance Partnership Agreement 2007-09**

**Introduction to the Performance Partnership Agreement
/ Program Plan**

This document is the Massachusetts Department of Environmental Protection's (MassDEP's) Program Plan for Fiscal Years 2007-2009. It is also the Performance Partnership Agreement (PPA) between MassDEP and the United States Environmental Protection Agency (EPA) for the same period (FY07-FY09). The PPA approach between states and EPA was developed under the National Environmental Performance Partnership System (NEPPS), and represents an evolving approach to the federal-state relationship in environmental protection. Its intent is to develop a system that is based upon environmental goals and measures of success and allows states maximum operating flexibility to accomplish their environmental priorities.

This plan includes discussion of programmatic priorities that will guide both MassDEP and EPA's work in Massachusetts during the coming three years, a statement of the goals, objectives and environmental targets that will be the framework for MassDEP's program specific work plans, outlines of those workplans as envisioned for the coming three years, and an assessment of MassDEP's current status in achieving its environmental goals, objectives and targets.

The PPA/Program Plan builds on the effort of the previous plan to allocate resources toward environmental priorities and to focus on producing actual environmental results. It includes specific environmental indicators and performance measures to measure progress toward our goals. More work is required and will be undertaken during the term of this PPA/Program Plan to improve and expand our use of environmental measures.

The goals, objectives and sub-objectives that form the framework for MassDEP's programmatic work plans have been crafted so that the Department's work can be seen in alignment with goals, objectives and sub-objectives developed by EPA National Strategic Plan and the EPA Region I in the EPA New England FY 2003-2008 Strategic Plan. To view the EPA National Strategic Plan, go to the EPA website <http://www.epa.gov/ocfo/plan/plan.htm>.

Scope of the Agreement

This PPA/Program Plan is the third since the Department made a significant change in the scope of its Performance Partnership Agreement in FY 2004. This agreement provides an overview and summary of all the work to be undertaken by the Department, not just the Federally-funded portion of our programs. Prior to FY 2004, the PPA between MassDEP & EPA and the MassDEP Program Plan were two separate documents describing separate parts of the Department's workload. Prior to FY04, most of MassDEP's federally-funded work was summarized in the PPA and MassDEP's state-funded work was summarized in the Program Plan.

Combining the PPA and Department-wide Program Plan allows the reader to see the overarching plan for the Department's environmental goals and describes the programmatic work that will achieve those goals.

MassDEP's Strategic Focus for 2007-2009.

The mission of the Massachusetts Department of Environmental Protection is to protect and enhance the Commonwealth's natural resources – air, water and land – to provide for the health, safety, welfare and enjoyment of the people and the protection of their property.

The Department will focus on the following activities which can be grouped into six organizing goals/themes: 1) Clean Air and Global Climate Change; 2) Clean and Safe Water; 3) Land Preservation and Restoration; 4) Healthy Communities and Ecosystems; 5) Compliance and Environmental Stewardship; and 6) Cross-Cutting Issues.

Goal 1: Clean Air and Global Climate Change

- Maintaining improvements in air quality by continuing to ensure that stationary, area, and transportation sources comply with existing requirements and new requirements which may be developed. Emphasis will be on achieving attainment with the national ambient air standard for ozone, because it is the only national ambient standard which is not met in the Commonwealth. Other priorities will include reducing particulate matter (PM)/diesel emissions, air toxics, atmospheric deposition of mercury, and greenhouse gases.
 - Stationary Sources: Managing our compliance assurance program by allocating resources on the basis of environmental risk and the environmental performance of the various groups of sources we regulate. (MassDEP refers to this approach as Beyond the Environmental Results Program [or "Beyond ERP"].) Major activities will include:
 - issuing and renewing air operating permits and plan approvals for minor and major sources,
 - routinely inspecting major air sources and reviewing compliance reports
 - assessing the overall compliance status of the 2000+ minor air sources
 - managing the stationary source emissions inventory, including completing the conversion to eDEP.
 - Transportation Sources: Continuing enforcement of tailpipe emissions control requirements, the Low Emission Vehicle (LEV) Standards for vehicles sold in Massachusetts, and transportation control programs that minimize vehicle miles traveled. Major activities will include:
 - Awarding a new contract to run the state's Enhanced Automobile Inspection and Maintenance (I&M) program
 - Moving to Onboard Diagnostics rather than the current "transient emissions testing" to assess compliance with vehicle emission standards
 - Continuing to implement the transportation control programs agreed to as a component of the Boston Central Artery project ("Big Dig")
 - Area sources: Implementing programs/regulations to minimize the air impacts of fuels, consumer products, and commercial and industrial formulations such as architectural coatings.
- Continuing to monitor air quality so that problems are identified and addressed in a timely fashion.
- Completing by 2009 the modifications to the State Implementation Plan (the rules, regulations, standards and

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programs) that will require additional reductions in air emissions needed to attain the national ambient air quality standard (NAAQS) for ozone.

- Working collaboratively with upwind states within and outside of the Northeastern state's Ozone Transport Commission (OTC) so the air pollution transported into the state does not contribute to violations of the ozone NAAQS in Massachusetts
- Working with the Mid Atlantic and New England states (MANE VU) to develop and implement strategies for the control of regional haze. The first major milestone is in 2018.
- Controlling air toxics by:
 - Using the Beyond ERP principles to systematically assess air pollution sources to identify the most significant threats, and begin to implement control strategies as necessary.
 - Implement the new mercury legislation and other mercury control/reduction strategies (including participation in regional mercury initiatives), revise the asbestos program to ensure it focuses on the highest priority asbestos situations, and implement MACT programs for which we have delegation, and for which MassDEP may choose to seek delegation
 - Expanding and implementing a diesel strategy to address the most significant sources of diesel emissions
- Controlling Greenhouse Gasses (GHG) by
 - Ensuring affected power plant facilities are in compliance with the GHG emission limits in Massachusetts regulations 310 CMR 7.29; and implementing the new regulations allowing GHG emission offsets/trading

Implementing the new greenhouse gas control regulations for light duty vehicles adopted by California (known as the "Pavley" regulations) as part of the Commonwealth's low emission vehicle (LEV) program

Goal 2: Clean and Safe Water

- Drinking Water
Require all public water systems using surface water sources and those disinfecting to evaluate and update their current practices to maximize drinking water quality.
 - Improve drinking water quality by promulgating and implementing the Long Term 2 Enhanced Surface Water Treatment Rule and the Stage 2 Disinfectants and Disinfection Byproducts Rule.
- Water Management Act
Improve water quantity by implementing the *2006 Revised Guidance on Water Management Act Permits*.
 - The Department will ensure the reasonable and efficient use of the Commonwealth's water resources through the implementation of water conservation and use efficiency requirements contained in our Water Management Policy for Permit, Permit Amendment Applications and 5-Year Reviews and January 2006 Guidance Document,
 - The Department intends to minimize and mitigate, to the extent possible, the impact of water withdrawals in the Commonwealth through conditioning Water Management Permits, especially in the most stressed river basins, to include performance standards on residential water use, unaccounted-for water losses, summer limits on withdrawals, and offsetting future water withdrawal increases.
- Wastewater Discharges to Surface Waters and Groundwater
Improve surface water quality by:
 - Continuing to address wet weather flow issues:

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- MassDEP and EPA will work together toward the elimination of sanitary sewer overflows (SSOs).
 - MassDEP is developing an electronic reporting database that will track SSOs and locations of new sewer connections and extensions to assist in identifying and mitigating problem areas within sewer communities
- Continuing to assist with the issuance of EPA's federal National Pollutant Discharge Elimination System (NPDES) permits and enforce the permit limits.
- Implementing new regulations for sanitary sewer connections and extensions, as well as new industrial wastewater sewer connections, that will maximize the efficiency and effectiveness of state resources.
- Improve groundwater quality by:
 - Continuing to implement groundwater permitting program, and enforcing the relevant regulatory requirements
- Wetlands
 - Implement next round of aerial reconnaissance program to identify wetlands loss and potential wetlands restoration projects.
 - Implement new enforcement and compliance strategies and identify potential wetlands violations through, among other activities, aerial flyover photography.
 - Continue the Wetlands Data Integration Project, moving into Phase II (System Development).
 - Continue involvement in the Taunton River Watershed Wetlands Mitigation Bank siting process.
- Watershed Planning

Promote water quality and quantity by continuing preparation of priority Total Maximum Daily Loads (TMDLS).

- Complete approximately 50% of priority TMDLS in FFY07 with the remaining to be completed in FFY08. In total this will address about 350 impaired segments in the Commonwealth currently on MassDEP's 303d list.
 - Continue the development of TMDLS under the Massachusetts Estuaries Project (MEP), with the goal to complete TMDLS for approximately 16 embayments each year.
- Industrial Wastewater (IWW)
 - Protect surface and groundwater from the impacts of industrial wastewater by implementing new IWW sewer connection regulations.

Goal 3: Land Preservation and Restoration

Ensure Immediate and Appropriate Response to Environmental Emergencies

- Implement comprehensive staff training program
- Maintain and upgrade equipment and supplies to meet needs
- Coordinate responses across MassDEP programs and with external agencies

Maximize Risk Reduction at Waste Sites

- Revise soil management requirements and policies to maintain cost effective soil remediation options
- Finalize policy and guidance on implementation of Monitored Natural Attenuation
- Implement electronic collection and tracking of Remedial Monitoring Reports

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Increase the rate of cleanup actions at waste sites

- Begin billing non-responder universe
- Implement online data submittal and file review system
- Continue enforcement actions

Ensure the quality and efficiency of cleanup at waste sites

- Restore comprehensive training and outreach program to Licensed Site Professional (LSP) and regulated communities
- Implement Massachusetts Contingency Plan (MCP) revisions for asbestos-in-soil, petroleum in GW-1 areas and other initiatives.
- Consult with the regulated community and LSPs to identify issues and develop agency policy and guidance to address issues of concern (e.g., urban fill and NAPL)
- Assess unlined, inactive landfills across the state to determine their environmental impact, with specific emphasis on gas, leachate and hazardous waste.

Enhance the Restoration and Redevelopment of Brownfields

- Coordinate Massachusetts participation in the 2006 National Brownfields Conference
- Advocate and educate for Brownfields redevelopment among municipal officials and the development community
- Provide technical assistance to municipalities, the Attorney General's Office and proponents of sites in Economic Development Areas

Ensure the Efficiency of the Revenue Billing and Collection System

- Develop regulations and policies to implement billing of non-responder universe
- Eliminate multi-year backlog in billing of annual compliance fees

Goal 4: Healthy Communities and Ecosystems

- Continue to encourage solid waste reduction through municipal grants and loans and technical assistance, with particular attention on:
 - Commercial and municipal paper
 - Commercial organics
 - Construction and demolition debris
- Improve the overall recycling rate through assistance programs that promote the adoption of "Pay as You Throw" municipal waste management programs.
- Enforce with respect to generators, haulers and solid waste facilities, the bans on disposal of certain types of recyclable wastes
- Continued compliance assurance programs in accordance with the "Beyond ERP" principles to make sure wastes are handled properly.

Hazardous Waste

- Continued compliance assurance programs in accordance with the "Beyond ERP" principles to make sure wastes are handled properly
- Assessing the overall compliance rate of Small Quantity Generators (SQGs)

Toxics use reduction

- Develop the new regulations, forms, guidance materials needed to implement the amendments to Toxics Use Reduction Act enacted in July 2006
- Continue to enforce the toxics use reporting and toxics use reduction planning requirements, as modified by the recent amendments

Goal 5: Compliance and Environmental Stewardship

- Implement coordinated enforcement efforts that support MassDEP's programs on a statewide-basis, including targeted and appropriate higher-level enforcement resulting in corresponding penalty amounts, incorporating statutory authority for the increased collection of economic benefit and more effective evaluation of violator's financial ability to pay
- Increase technical assistance to target segments of the regulated community
- With respect to municipalities, continue to provide compliance and technical assistance, maintain statewide consistency in enforcement by applying MassDEP policy on municipal enforcement actions focusing on the application of local resources toward compliance improvements rather than punitive penalty amounts
- Develop and implement non-traditional compliance approaches, such as the Environmental Results Program, and continue to develop measures of demonstrable environmental benefits/gains associated with those approaches (and, as appropriate, seek approval from EPA

for "resource flexibility" to allow MassDEP to spend federal resources on these approaches)

- Develop and utilize innovative enforcement tools and techniques such as the anti-dumping and camera surveillance and wetland change initiatives
- Review results of EPA's audit of the MassDEP compliance and enforcement program (under EPA's "State Review Framework") and implement recommendations, as appropriate, that are consistent with MassDEP's goals
- Implement a "no surprises" policy with EPA on compliance and enforcement activities conducted by either agency within the Commonwealth

Goal/Theme 6: Cross-Cutting Issues

Energy

- All of MassDEP's programs must be done with an understanding of the broader issues of Energy policy and potential trade offs between energy conservation and traditional pollution controls. The ways in which Massachusetts residents use as well as generate energy in their businesses, homes, institutions, and transportation have enormous impact on environmental quality in Massachusetts. MassDEP plans to build its expertise in all aspects of energy use and generation so as to better influence the development of environmentally beneficial energy policy
- Work with the Department of Energy Resources on biomass permitting for stationary air pollution sources and Beneficial Use Determinations for solid waste

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Promote Innovation and Flexibility, including:

- Compliance inspections and alternative compliance programs [“Element 13”] (e.g. ERP)
- Relying on the principles of ERP and “Beyond ERP” – environmental risk based oversight – to implement innovative pollution prevention & control programs
- Common Measures Project
- Innovative Total Maximum Daily Loads (TMDLs)
- Continued improvements to efficient management of Adjudicatory Hearings / Appeals
- Increased attention to emerging contaminants, and implementation of new approaches to manage these contaminants (such as MassDEP’s 2006 drinking water requirements for Perchlorate)
- Expanding/Improving Geographic Information System (GIS) Capability, including an increase in the amount and capacity of GIS tools available, more accessibility to the tools at the staff desk-top & increasingly user friendly tools

Design and Implement Major Renovations/Improvements to the Massachusetts State Environmental Laboratory (Wall Experiment Station)

Improved Public Messaging/Communications, including:

- Improvements to MassDEP’s ability to communicate key environmental messages to external stakeholders (e.g. status of the environment [indicators, my community], what MassDEP does, etc.)
- Continued improvements to MassDEP’s website and web presence
- Continued improvements to the MassDEP e-Newsletter that was established in 2006

Continued improvements to Information Technology (IT) / Information Management (IM), including:

- Developing longer- term strategy for sustainable IT function
- Improved data mgt & manipulation, including:
 - Continued growth and improvements to MassDEP’s “e-commerce” offerings (eDEP)
 - Expanded & improved data uploads to EPA
 - Major enhancements to MassDEP’s “EPICS” system
 - Major enhancements to MassDEP’s Compliance and Enforcement (C&E) Information Management Systems
 - Modifications to the Toxics Use Reduction Act (TURA) data system as needed for the 2006 TURA legislative amendments
- Improved capacity for system/program maintenance & bug fixes (workload)

Enhanced planning and capacity for Homeland Security Issues and Environmental Disaster Response

Continue to implement programs and activities considering Environmental Justice concerns and in accordance with the Commonwealth’s Environmental Justice policies and guidelines.

- This will include collaboration with EOEA and EPA on environmental justice initiatives as appropriate.

Strategic Investments and Innovation

MassDEP and EPA New England continue to recognize the need to make resource investments to develop new strategies and new ways of working to meet emerging challenges and to improve our ability to protect the environment. This includes sustaining and improving critical existing core program work as well as making investments in new strategies to address emerging challenges.

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To fulfill this need, MassDEP and EPA will continue to promote innovation by providing the work environment, the institutional infrastructure and the resource commitments necessary to sustain innovative work and capacity building. MassDEP and EPA will proactively support the following key practices to create and sustain an innovative work environment:

- Encouraging staff and managers at all levels of our agencies to adopt a dynamic problem solving approach that embraces non-conventional approaches for achieving environmental results;
- Fostering experimentation by expressly acknowledging that making mistakes is part of the experimentation and learning process;
- Communicating to agency staff and external stakeholders the opportunities and challenges of the agencies' innovation projects;
- Allowing sufficient time for innovations to evolve and to be appropriately evaluated;
- Placing innovative programs and projects on an equal footing with established traditional core programs; and
- Ensuring that the measures for the success of an innovation are equivalent to, and not substantially higher than, the measures for existing programs.

MassDEP and EPA are committed to fully integrating innovation and capacity building projects into the planning, resource allocation and evaluation processes of each agency. With respect to the planning process, the Agencies agree to take specific actions to foster innovation, including:

- Actively seek potential innovation projects and identify them as part of the program planning and PPA planning activities of MassDEP and EPA;
- Hold periodic meetings with staff to promote "bottoms up" innovation and capacity building ideas;
- Incorporate planned innovation and capacity building projects into the agencies' annual PPA/Program Plan and implementation plans; and

- Expressly grant relief on agreed upon outputs.

In an organizational environment where funds are often not available to allow significant new resource investments for capacity building or innovation work, it will be necessary to consider temporary disinvestments from existing work to proceed with these efforts. Once MassDEP and EPA have agreed upon capacity building or other innovative work, they will consider and come to agreement on:

- The level of resources necessary to conduct and evaluate the work;
- Any specific disinvestments required to accomplish this new work;
- Any cross-program reassignments that may be needed to support and complete a project; and
- The roles and responsibilities of each agency to support identified projects.

As with any significant investment of limited agency resources, MassDEP and EPA are committed to measuring, evaluating and learning from all innovation and capacity building projects. To accomplish this, the agencies agree to the following:

- Each identified innovation or capacity building project will include a measurement and evaluation component;
- Projects will include higher level environmental outcome measures whenever possible, but also may employ activity counts and other performance measures as appropriate;
- The agencies may support projects that do not have easily attainable short-term measures, but may require longer-term measures or the development of new measurement approaches; and
- At the conclusion of each project, an evaluation will be performed to record the lessons learned and to make recommendations for next steps to continue or expand the innovation, apply it to other areas of agency work or discontinue the project.

Parties to the Agreement

This agreement formalizes the partnership between MassDEP and EPA, and will guide the working relationship and activities of both agencies during Fiscal Year 2007 through Fiscal Year 2009 (October 1, 2007 to September 30, 2009).

Performance Partnership Grant

EPA Program Grants that have been combined under the Department's Performance Partnership Grant (PPG) and that are overseen by EPA through the Performance Partnership Agreement (PPA) are:

- Clean Air Act, Section 105
- Clean Water Act, Section 106 (Water Pollution Control); Section 319 (Nonpoint Sources Management); Section 104(b)(3) (Water Quality and Wetlands)
- Resource Conservation and Recovery Act (RCRA), Section 3011
- Safe Drinking Water Act (SDWA), Section 1443 (a)(1)
- Safe Drinking Water Act, Underground Injection Control, Section 1443 (b), and
- Pollution Prevention Incentives for States (PPIS).

Public Participation in PPA/Program Plan Development

The Department has many avenues for soliciting public input about our programs and approaches each year. These avenues include many program-specific advisory committees, formal public comment processes for all proposed regulations and certain major policies, and on-going dialog with key stakeholders. MassDEP considers all of this stakeholder feedback when developing its PPA/Program Plan. Furthermore, MassDEP has solicited public comment specifically on the draft PPA/Program Plan.

- MassDEP held a public comment period for the draft 2007-2009 PPA prior to finalization. The draft PPA was posted on the MassDEP website at <http://mass.gov/dep/ppa/ppahome.htm> with a notice on the front page of the website that the document was available for comment. Individual notices that the draft was

available for comment was sent to individuals and organizations that have actively commented on draft PPAs and other agency-wide programmatic planning documents in the past.

- Notice of the draft PPA was presented to the MassDEP Fees Advisory Committee/Commissioners Advisory Committee.
- Comments received during the comment period were reviewed and addressed as appropriate into the final 2007-2009 PPA/Program Plan.

Self-Assessment

This 2007-2009 Environmental Performance Partnership Agreement represents a major effort to make the PPA clearer and more concise. On-going self-assessment has driven the choice of strategic priorities and programmatic targets, strategies and activities outlined under the Goals and Themes in this PPA/Program Plan.

Assessment, Evaluation and Revision (Annual Workplans, Mid-Year Reports & Year-End Reports)

Annual Workplans:

- This agreement spans three years. At the beginning of each federal fiscal year (October 1), the Department will develop an Annual Workplan to outline the major activities planned for the year.

Mid-Year and Year-End Reports

- The Department will provide Mid-Year Reports on July 1st of each year of this agreement and Year-End Reports on January 1st after the close of each fiscal year of this agreement. These reports will be provided to EPA. Mid-year reports will summarize the status of federal grant expenditures at the mid-year on a grant basis only. Final Reports will summarize activities conducted in the prior fiscal year, as well as progress made toward environmental goals and in meeting key work plan commitments.

Any amendments to this agreement, including those based on changed priorities or resources, will be included in the Year-End Report.

Massachusetts Status and 2007-2009 Goals

Goal 1: Clean Air

Many activities such as the burning of fossil fuels and industrial processes release harmful by-products. Since each adult breathes over 3,000 gallons of air per day, even small amounts of pollutants can harm the body. Ground-level ozone, fine particulate and air toxics can cause acute and chronic respiratory problems in sensitive individuals and affect even healthy individuals when ambient levels are high. Acid rain and ozone threaten the environment and the buildup of carbon dioxide and other greenhouse gases contributes to global warming, putting our ecosystems, farms, forests and coastline at risk.

The Department's focus on reducing ozone, fine particles, toxic air pollutants, atmospheric deposition of mercury and greenhouse gases requires integrated, comprehensive solutions at local, state, regional and federal levels. The need for significant additional emission reductions provides a powerful incentive for solutions such as the Department's Environmental Results approach (Beyond ERP) and non-regulatory approaches like pollution prevention, energy efficiency and smart growth that produce multiple benefits and in some cases, such as energy efficiency, produce significant savings.

Levels of carbon monoxide (CO), nitrogen oxides (NO_x), sulfur dioxide (SO₂), lead (Pb) and some particulate (PM₁₀) in Massachusetts's air have fallen to well below national health standards as a result of cleaner cars, cleaner fuels and other air pollution control programs. However, the trends toward larger vehicles (more than half of new passenger vehicles are SUVs, vans and pick-ups), increased travel and stagnant vehicle energy efficiency are eroding some of the gains from generally cleaner cars. In addition, new efforts are needed to reduce emissions of ozone precursors, fine particulates, green house gas, and air toxics including diesel emissions.

MassDEP will strive to protect public health and the environment by:

- Maintaining attainment status with National Ambient Air Quality Standards for PM_{2.5}, SO₂, NO_x, Lead, and CO
- Achieving attainment with the National Ambient Air Quality Standard for the 8 hour Ozone standard by 2010
- Developing a plan and strategy by 2008 to achieve the first increment toward regional haze attainment by 2018. Full attainment is required to be achieved by 2064.
- Developing a more comprehensive program to control air toxics

Note detailed year by year summaries of air quality can be found at:
<http://www.mass.gov/dep/air/perfor01.htm#annual>

Goal 2: Clean and Safe Water

In the 2007 – 2009 Performance Partnership Agreement (PPA), MassDEP intends to expand upon its innovative approach regarding the development of environmental goals first outlined in the 2005 – 2006 PPA. The goals, workplans and summaries will again be disseminated via the internet.

MassDEP's Bureau of Resource Protection is focusing on water quality and water quantity throughout watersheds as its overarching themes for this program plan. By implementing initiatives based on a watershed approach, BRP will be able to comprehensively address the issues that are contributing to impaired water quality and quantity. A brief synopsis of the environmental challenges and planned actions to address these challenges follow in subsequent paragraphs.

Detailed, specific information regarding strategic priorities and trend information is reflected in the weblinks shown below.

Clean Water and Healthy Ecosystems -
<http://www.mass.gov/dep/water/priorities/sggwhome.htm>
Intact and Functioning Wetlands -
<http://www.mass.gov/dep/water/priorities/wethome.htm>
Clean and Safe Water -
<http://www.mass.gov/dep/water/priorities/dwhome.htm>

The Bureau of Resource Protection faces numerous challenges to improving water quality and quantity while supporting sustainable growth. Sixty percent of the lakes, streams, rivers and marine waters that have been assessed in Massachusetts do not meet the state's water quality standards. The Massachusetts Water Resources Commission has classified many rivers and streams throughout the Commonwealth as under high or medium stress due to inadequate flow. As a result of these water quality and water quantity problems, surface waters throughout the Commonwealth are unable to meet their designated uses as sources of drinking water supply, appropriate sites for swimming, fishing, and boating, and aquatic habitat.

Old inadequate infrastructure is one major cause of the state's water quality and water quantity problems. Leaky sewer pipes allow wastewater to exfiltrate from old collection systems discharging pollutants to the ground water and to surface waters. These aging collection systems allow excessive amounts of stormwater (inflow) and ground water (infiltration) to enter the sewer system. These infiltration and inflow leads to sanitary sewer overflows that discharge pollutants to the waters of the Commonwealth. In many cases, the infiltration and inflow also results in the needless transport of clean water out of stressed basins. Existing water sources located right next to streams adds to low flow problems.

Inadequate stormwater management likewise contributes to the state's water quality and quantity problems. In many urban areas, the centralized storm drain system have illegal sanitary connections. As a result, these storm drain systems discharge raw sewage to the Commonwealth's surface waters and impair water quality. These centralized storm drain systems also prevent stormwater from recharging the groundwaters that maintain the base flow of the Commonwealth's rivers and streams.

Areas of the state, such as southeastern Massachusetts and the area around Route 495, are experiencing growth. This growth needs to occur in an environmentally sustainable manner that protects water quality and quantity. With growth comes an increase in the demand for drinking water and additional stress on river basins already experiencing low flows. With growth, wastewater flows increase. In some cases, more wastewater is

transported out of stressed basins. In other cases, increased flows make it difficult for existing wastewater facilities to operate in compliance with the state's water quality standards. With growth also comes an increase in the percentage of impervious surfaces, reducing opportunities for stormwater to replenish the groundwater needed to maintain base flow. With more impervious surfaces, the volume of stormwater runoff also increases, discharging more pollutants to the Commonwealth's rivers and streams and contributing to periodic flooding after large storm events.

There are a number of actions that the Bureau of Resource Protection will be taking to address these challenges. The Bureau of Resource Protection is implementing a holistic approach that extends across all programs to continuously work towards improvement of water quality and quantity. As part of this effort, the Bureau of Resource Protection is developing a Water Resource Management Planning Guidance to help cities and towns identify the most cost-effective and environmentally appropriate solutions for the community's specific water quality and quantity problems. The State Revolving Fund is examining its ranking criteria and regulations to ensure that financial assistance is distributed to support municipal efforts to address problems involving both water quality and water quantity.

The Drinking Water Program continues to focus on the quality of existing water supplies and providing safe drinking water. Working closely with other Bureau of Resource Protection programs, the Drinking Water Program mitigates contamination threats from compromised surface and ground water sources through monitoring, identification and treatment while seeking to avoid additional problems through source protection efforts.

The Wetlands Program is continuing to ensure that the Wetlands Protection Act is enforced to further all the interests identified in the Act including pollution prevention, storm damage prevention and flood control, and protection of drinking water supplies. More specifically, the Wetlands Program is continuing its aerial flyover program to take action against unpermitted wetland filling that impairs these interests and contributes to the state's water quality and water quantity problems. The Wetlands Program has also embarked on a data integration project that will integrate wetlands data, including compliance and enforcement information within a

single comprehensive database to aid MassDEP's wetlands resource protection efforts

The Bureau of Resource Protection is updating the Stormwater Management Policy and the Stormwater Management Handbook to promote increased recharge, pollution prevention and source control, erosion and sedimentation control, improved operation and maintenance of stormwater management Best Management Practices (BMPs), environmentally sensitive design and low impact development (LID) techniques. By encouraging LID, BRP is providing incentives for projects that minimize impervious surfaces, maintain stormwater recharge and provides adequate treatment. The updated Stormwater Management Policy makes it clear that redevelopment problems must also play a role in addressing the state's water quality and quantity problem, by removing illicit sanitary connections to the storm drain system and by improving existing conditions.

To minimize the impact of water withdrawals, the Water Management Act Program has promulgated a policy and guidance that promotes wise water use by establishing performance standards for residential per capita water use, unaccounted for water and seasonal water use (<http://www.mass.gov/dep/water/laws/wmafinpo.doc>). The policy and guidance require Water Management Act permittees that increase the volume of water withdrawn from either a high or medium stressed basin above an established baseline mitigate the impact of their increased withdrawals by implementing offsets such as the removal of infiltration and inflow from the sewer system and enhanced stormwater recharge. The Bureau is developing Guidance on how to implement this offset requirement.

The Wastewater Management Program is continuing its long-standing focus on water quality issues. To prevent eutrophication of the 89 estuaries located in the Massachusetts Estuary Program area, the Bureau is developing a No Net Increase in Nitrogen Policy. To protect water quality, the Wastewater Management Program has identified sanitary sewer overflows as a priority for enforcement and continues to include infiltration and inflow control plans as a requirement of its surface water discharge

permits. This focus on infiltration and inflow removal also supports the Bureau's efforts to address water quantity issues by preventing the needless export of clean water out of stressed basins through the wastewater collection system.

The Wastewater Management Program is taking additional action to address water quantity issues. The program is developing regulations to promote the reuse of adequately treated wastewater to recharge aquifers and to conserve water. The program is implementing the newly revised Title 5 regulations (<http://www.mass.gov/dep/water/laws/regulati.htm> - t5regs) that make it easier to permit septic systems for cluster developments that include less impervious surfaces.

The Bureau of Resource Protection will work to address water quality and water quantity issues through a particular focus on one watershed or project in each MassDEP region, with the expectation that the focus areas and projects will rotate over time. These initial focus watersheds and projects will be targeted for a mix of MassDEP compliance and enforcement efforts, technical outreach and assistance, and grant assistance.

- Northeast Regional office – Continued focus on the Charles River and Charles River watershed
- Southeast Regional office - Continued work on Massachusetts Estuary Project
- Central Regional Office – SuAsCO watershed
- Western Regional Office -- Connecticut watershed

Goal 3: Land Preservation and Restoration

Controlling and minimizing waste at the source, effectively managing the disposal of waste and the timely assessment and cleanup of historical and sudden releases of oil or hazardous material are critical to maintaining our quality of life, community character and sustainable economic growth. Managing waste and cleaning up oil and hazardous material release sites includes rehabilitating Brownfields for reuse, responding to environmental emergencies and controlling solid waste and hazardous wastes.

Since 1993, the MassDEP Waste Site Cleanup Program has directed the assessment and cleanup of sites where releases of oil or hazardous material occurred under performance-based regulations (the Massachusetts Contingency Plan, or MCP) in partnership with private-sector consultants (Licensed Site Professionals). The risk-based requirements of the MCP apply as well to remediation activities at landfills and RCRA sites, resulting in consistent health-protective outcomes across the related programs. Under the MCP, more than twenty thousand sites have been cleaned up since 1993, including, in FY2005, 1522 spills/sudden releases and 794 historic releases. For FY 2005, approximately 88 percent of the cleanups (95 percent of spills/sudden releases and 74 percent historic releases) have resulted in properties acceptable for unrestricted future use. These cleanups are managed by approximately 540 Licensed Site Professionals following the regulations, policies and guidance published by the Department. MassDEP monitors the effectiveness of the privatized program through direct oversight of specific actions at some sites and through a comprehensive audit and compliance program designed to ensure the quality of response actions.

On average, sudden releases and historic sites are assessed and closed-out within two years of notification to MassDEP. The Department facilitates the rate of cleanup both directly by setting stringent deadlines and taking enforcement actions when necessary, and indirectly by streamlining submittal requirements and the timely billing of Annual Compliance Fees.

Brownfields development offers an alternative to development of open space ("greenfields") if the hazardous substances they harbor can be cleaned up or controlled to allow for redevelopment. In the next two years MassDEP will review and update the waste site cleanup program to further facilitate Brownfields redevelopment and work with partners to improve coordination among state agencies and increase incentives for municipalities to return abandoned mills and vacant properties to useful purposes.

Goal 4: Healthy Communities and Eco-Systems

To prevent the generation of solid waste to the maximum extent possible while ensuring the safe management of that which cannot be prevented, MassDEP has established a specific goal for solid waste of 70% waste reduction by the year 2010. As of 2004 60% of the waste is diverted from disposal.

(Note: detailed information on solid waste and recycling rates can be found in the 2006 Revisions to the Solid Waste Master Plan and History of Residential Recycling Rates, November 2005 found at:

<http://www.mass.gov/dep/recycle/priorities/dswmpu01.htm>

MassDEP's Bureau of Waste Prevention (BWP) will continue to provide summary and trend information as provided in the 2005 PPA Annual Report)

MassDEP is committed to ensuring that hazardous wastes are safely managed from "cradle to grave" so that the public and the environment is not harmed by accidents, spills, fires, uncontrolled releases or the illegal dumping of these toxic materials. Currently our large quantity generators have an overall compliance rate of over 90%. We will be developing a similar estimate for our small quantity generators within three years.

Encouraging as much toxic use reduction on the part of industry as feasible.

- The Toxics Use Reduction Act requires the largest users of toxic chemicals to report on their use and waste of toxic chemicals. Between the Act's 1990 inception and 2004, the group of facilities that have been required to report since the beginning, (the "Core Group") have reduced their toxic chemical use by 32% and the amount of toxic chemicals wasted as byproduct by 60% (Note detailed information is found on the Annual TURA Information release at <http://www.mass.gov/dep/toxics/priorities/priorities.htm#tura>) BWP proposes providing the same summary information as provided in the most recent PPA final report

Goal 5: Compliance and Environmental Stewardship

MassDEP will continue to implement high impact initiatives, using innovative enforcement techniques and to provide state-wide support for MassDEP program goals. Consistent with these efforts, MassDEP will increase its compliance and technical assistance efforts through specific programs. In order to better track enforcement and compliance results, MassDEP is developing non-traditional and demonstrable measures of success. Efforts are underway to "pilot" different methods of counting and tracking environmental benefits. MassDEP's goal is to develop reporting tools that are easy for staff to use that will promote consistent and reliable tracking, and will ultimately inform MassDEP's planning and enforcement initiatives.

MassDEP and EPA commit to following a "no surprises" policy that ensures at least two weeks notice before EPA takes enforcement action against a municipality, state agency/authority or private facility in Massachusetts. When unplanned or emergency orders are determined necessary, EPA will provide MassDEP with notice of the expected issuance at the earliest possible point practicable. EPA is not obliged to provide MassDEP with prior notification of action taken against private entities on matters over which we do not share regulatory jurisdiction. This notice shall be provided to the MassDEP Director of Enforcement/Environmental Strike Force for dissemination to affected programs and will be maintained as confidential enforcement information until the time of issuance.

MassDEP will also continue to develop enforcement tools that capture and recover economic benefit and that more thoroughly evaluate financial ability to pay. In the context of municipal enforcement, MassDEP will continue to emphasize compliance and investment in improving equipment/technology over punitive penalty amounts, recognizing that municipalities are not the same as private sector violators. MassDEP will

incorporate any recommendations from EPA's audit that are consistent with these efforts.

Goal/Theme 6: Cross Cutting Issues

During the period from FY07-FY09, MassDEP will continue to focus on achieving goals in a number of other cross-cutting areas, including:

- Increased attention to applicable regulatory issues in order to promote increased energy efficiency, renewable energy sources, and development of long-term reliable energy sources that have minimal impact on human health and the environment.
- Implementing major improvements to the Massachusetts State Environmental Laboratory in Lawrence, Massachusetts (Wall Experiment Station).
- Improving the Department's ability to communicate key environmental messages to external stakeholders using a variety of efficient and innovative tools.
- Continuing to improve the Department's effective use and management of Information Technology and Information Management, and
- Improving MassDEP's capacity to respond to environmental disasters and issues relating to homeland security, including improved coordination between MassDEP and other federal, state and local agencies.
- Continuing to implement MassDEP activities and programs in consideration of Environmental Justice principles, and in accordance with the Commonwealth's Environmental Justice policy and guidelines.

Furthermore, MassDEP intends to continue to explore and implement innovative approaches to environmental protection that optimize the expenditure of the agency's resources for maximum environmental results. In some cases, MassDEP will seek flexibility from EPA to use federal funds for these alternative approaches.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE	GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE
		Objective 1.1 Healthier Outdoor Air	Objective 1.1 Healthier Outdoor Air
		Sub-Objective 1.1.1 More People Breathing Cleaner Air	Sub-Objective 1.1.1 More People Breathing Cleaner Air
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Initiatives to Further Control <i>Ground Level Ozone & Fine PM</i>
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Make air quality related data available to the public
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	1	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	In order to provide public real-time air quality information, continue to submit ozone and PM2.5 data and ozone and PM2.5 forecasts to the Data Management Center.
PPA	2	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Participate in Northeast Diesel Collaborative to advance state and regional programs to reduce diesel emissions
PPA	3	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Ozone Attainment Plans: Participate in OTC attainment planning to develop coordinated regional modeling and ozone attainment plans.
PPA	4	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit a final 2002 SIP inventory for Massachusetts' nonattainment areas. Collect and submit to EPA 2005 annual emissions data from point sources.
PPA	5	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	CAIR: Develop CAIR rules and submit to EPA by September 2006 or submit abbreviated CAIR SIP by March 2007.
PPA	6	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit 8-hr ozone NAAQS modeled control strategies.
PPA	7	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Develop regulation based on OTC model rules for portable fuel containers.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	8	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Revise existing MA regulations for consumer products and architectural industrial maintenance coatings to be consistent with OTC model rules.
PPA	9	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Revise existing MA regulations for solvent cleaning to be consistent with OTC model rules.
PPA	10	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit a RACT SIP for applicable VOC and NOx sources by September 2006.
PPA	11	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit draft and final RFP SIPs for each ozone nonattainment area. Final RFP SIPs are due by June 2007.
PPA	12	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit final ozone attainment plans by June 2007.
PPA	14	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Process conformity determinations for ozone and CO nonattainment and maintenance areas
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Identify and implement the additional reductions in NOx and VOC emissions needed to attain ambient ozone standard
PPA	15	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit letter to EPA clarifying implementation of OBD2 SIP.
PPA	16	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Complete and submit annual I/M reports to EPA.
PPA	17	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Submit SIP showing that MA does not significantly contribute to nonattainment or maintenance problems for the PM2.5 NAAQS in downwind states. (EPA has issued technical and policy guidance that MA can use to make this demonstration.)
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Interstate transport of air pollutants: Work on Northeast/Midwest States collaboration to control
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Ensure that emissions from mobile air pollution sources are adequately controlled through transportation control planning.
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Regional Haze</i>	<i>Initiatives to Control Regional Haze</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	18	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Regional Haze</i>	Participate in the northeast regional haze planning organization Mid-Atlantic and Northeast States Visibility Union (MANE VU).
PPA	19	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Regional Haze</i>	Based on MANE VU template, develop regional haze SIP, with BART provisions, for submittal to EPA by December 2007.
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Title V / NSR Permits</i>	<i>Title V / NSR Permits</i>
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	Issue permits that limit emissions of air pollutants at major and minor sources of air pollution
		Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	20	Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	Respond to EPA's comments on state's NSR equivalency demonstration, if necessary.
PPA	21	Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	Complete issuance of initial Title V permits and ensure timely submittal by sources of Title V renewal applications and timely issuance of permit renewals (barring factors outside MassDEP's control)
PPA	22	Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	Issue 94 per cent of significant Title V operating permit revisions within 18 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)
PPA	23	Sub-Objective 1.1.1 More People Breathing Cleaner Air - <i>Title V and NSR Permits</i>	Issue 87 per cent of Title V operating permits within 18 months of receiving a new complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	24	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	75 Percent of major NSR permits are issued within 12 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control).
PPA	25	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Cooperate with EPA in its title V permit program evaluation. Respond and implement within 90 days EPA's recommendations, as warranted.
PPA	26	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Prevention of significant deterioration program. Language to be determined by September 28, 2006.
PPA	27	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Make timely submittals to EPA's RACT, BACT, LAER Clearinghouse.
		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants
		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	<i>Initiatives to further control Air Toxics</i>
PPA	28	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Continue delegation and implementation of toxic requirements under section 112, 129, and 111(d), as appropriate, for major sources rules, area source rules, and residual risk rules.
PPA	29	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Explore strategies to reduce human health risks indicated by state and national air toxics assessment analyses. Mechanisms include participation in NESCAUM Public Health Subcommittee and ongoing community efforts to reduce risk.
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Redesign of the asbestos control program for renovation and demolition program
PPA	30	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Work to implement strategies under mercury action plan.
PPA	31	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	By December 2006, submit section 111(d) plan for mercury emissions from power plants.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Implement the asbestos control program construction and demolition projects
PPA	32	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Evaluate what efforts can be made in preparing 2005 Emission Inventories for Hazardous Air Pollutants.
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Diesel Strategy Development
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- <i>Air toxics</i>	Complete issuance of plan approvals for Hg emissions at power plants by ____
		Objective 1.2 Healthier Indoor Air	Objective 1.2 Healthier Indoor Air
		Sub-Objective 1.4.2 Maintain Emergency Response Readiness	Sub-Objective 1.4.2 Maintain Emergency Response Readiness
PPA	34	Sub-Objective 1.4.2 Maintain Emergency Response Readiness	EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response
		Objective 1.5 Reduce Greenhouse Gas Intensity	Objective 1.5 Reduce Greenhouse Gas Intensity
PPA	35	Objective 1.5 Reduce Greenhouse Gas Intensity	Work to implement strategies under Climate Change Action Plan
		Objective 1.6 Enhance Science & Research	Objective 1.6 Enhance Science & Research
		Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	<i>Air Monitoring</i>
		Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Sub-Objective 1.6.1 Provide Science to Support Air Program
		Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	36	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Air Monitoring Network: Implement initial EPA approved changes to the air-monitoring network to transition from the traditional NAMS/SLAMS framework to the framework for ambient air monitoring in the US as detailed in the National Ambient Air Monitoring Strategy.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	37	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Air Monitoring Network: Operate NCore multi-pollutant precursor gas sites established with FY2006 or earlier funds and report data from these sites to AQS.
PPA	38	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Air Monitoring Network: Submit to EPA by July 1 the annual air monitoring network review and schedule (40CFR58.20d, 58.25 & 58.46) and annual PM report (40CFR58.26).
PPA	39	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Air Monitoring Network: Operate EPA-approved network (SLAMS, PAMS, PM), enter the air monitoring, precision and accuracy data into AQS within 90 days (180 days for VOCs) of the end of each calendar quarter (40CFR58.28, 58.35, & 58.45) and submit the annual SLAMS report by July 1 (40CFR58.26).
PPA	40	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Toxics Air Monitoring: Continue operation of the toxics air monitoring sites and enter the data into AQS.
PPA	41	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Quality Assurance: Update all approved QAPPs annually and five-year revisions as needed. Ensure adequate, independent QA audits of NAAQS monitors or participate in NPAP and PEP QA programs.
PPA	42	Sub-Objective 1.6.1 Provide Science to Support Air Program -- <i>Air Monitoring</i>	Continue implementation of the corrective actions from the EPA's technical systems audit (TSA) of DEP's program.
		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains	Objective 1.7 (MassDEP Objective) Clean Air and Global Climate Change: Maintaining Prior Gains
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Ensure that stationary air pollution sources comply with permits, performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	<i>Highlights: priorities / projects / EPA commitments</i>
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Conducting Onsite Full Compliance evaluations at Air Operating Permit sources and taking enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Conducting Offsite Full Compliance evaluations at Air Operating Permit sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Conducting onsite full compliance evaluations at RESm80 air pollution sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Conducting onsite full compliance evaluations at minor air pollution sources taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Stationary Source Compliance Assurance</i>	Continue to submit required information to AIRs data systems
MassDEP		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) - <i>Stationary Source Compliance Assurance</i>	Respond to the results of the EPA Compliance program review
EPA		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) - <i>Stationary Source Compliance Assurance</i>	Continue to populate EPA's Air Facilities System (AFS) data base
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Mobile Source Compliance Assurance</i>	Ensure that emissions from mobile air pollution sources are adequately controlled through the enforcement of the tailpipe emissions limits and implementation of other control tail pipe emission control programs
		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Mobile Source Compliance Assurance</i>	<i>Highlights: priorities / projects / EPA commitments</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Mobile Source Compliance Assurance</i>	Continuing to implement the I&M program
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Mobile Source Compliance Assurance</i>	Award new contract for I& M tail pipe emission testing
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Mobile Source Compliance Assurance</i>	Commercial Fleet Anti idling
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- <i>Ozone and Fine Particulate</i>	Central artery / transit agreement implementation
MassDEP		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) - <i>Emission Inventories</i>	Maintaining air pollutant emissions inventories
EPA		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) - <i>Emission Inventories</i>	Continue to populate EPA's National Emission Inventory (NEI) data base
		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) - <i>Emission Inventories</i>	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Emission Inventories</i>	Rebuild source registration system
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Emission Inventories</i>	Convert source registration system to eDEP
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	Develop regulations and standards to address specific problems
		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Stage II Revisions
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - ERP Boilers: allow Ultra Low Sulfur Fuel Use
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Combined heat and power rule
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ- Emergency Engines Tier IV Federal standards
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Deal with Federal MACT for Dry Cleaners

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	C&T I&M Heavy Duty Diesel Cut Points Regulations
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	C&T Chip Relfash rule for heavy duty truck engines for the 8 hour ozone attainment SIP
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Biomass emission standards in conjunction with DOER's renewable energy credit program changes
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Outdoor wood-fired boilers
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- <i>Non SIP related Regulation and Policy Development</i>	AQ - Prescribed Open Burning
		GOAL 2: CLEAN & SAFE WATER	GOAL 2: CLEAN & SAFE WATER
		Objective 2.1 Protect Human Health	Objective 2.1 Protect Human Health
		Sub-Objective 2.1.1 Water Safe to Drink	Sub-Objective 2.1.1 Water Safe to Drink
		Sub-Objective 2.1.1 Water Safe to Drink: Certification of Drinking Water Labs	<i>Certification of Drinking Water Labs</i>
		Sub-Objective 2.1.1 Water Safe to Drink: Certification of Drinking Water Labs	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	43	Sub-Objective 2.1.1 Water Safe to Drink: Certification of Drinking Water Labs	Maintain laboratory certification for state labs; follow up on any action items resulting from laboratory audits; maintain required schedule for private laboratory inspections.
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	<i>Source Water Protection</i>
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	44	Sub-Objective 2.1.1 Water Safe to Drink: Source Water Protection	Continue to support implementation of local programs and, where appropriate, continue to integrate source water protection implementation into other programs appropriate (e.g., UIC, stormwater).
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	<i>Drinking Water</i>
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	<i>Highlights: priorities / projects / EPA commitments</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	45	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Work to achieve target of 90% of population served by CWSs having drinking water that meets all applicable health-based standards (this includes a sub-objective of meeting target of 92% of the population served by CWSs having drinking water that meets health-based standards with which systems need to comply as of December 2001).
PPA	46	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Work to achieve target of 91% of CWSs that provide drinking water that meets health-based standards with which systems need to comply as of December 2001.
PPA	47	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	LT2/Stage2: coordinate with the Region on early implementation issues; work on primacy package.
PPA	48	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Sanitary surveys: expand use of electronic sanitary survey tool; conduct surveys of CWS and NTNCWS on three-year cycle, TNCWSs on five-year cycle.
PPA	49	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Data verifications: follow-up/correction of deficiencies noted in 2005 DV.
PPA	50	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Security/Emergency Response: continue to coordinate with EPA on security workshops, drills and pandemic planning.
PPA	51	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Continue to follow-up on any LCR action items (e.g., follow-up on LCR data verification).
PPA	52	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Maintain timely and accurate reporting to SDWIS.
		Sub-Objective 2.1.1 Water Safe to Drink: UIC	<i>UIC</i>
		Sub-Objective 2.1.1 Water Safe to Drink: UIC	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	53	Sub-Objective 2.1.1 Water Safe to Drink: UIC	Continue to close identified Class V motor vehicle waste disposal wells; continue to report UIC activities to EPA per 7520 form (e.g., number of inspections conducted, number of permits issued, etc.)
		Sub-Objective 2.1.3 Water Safe for Swimming	Sub-Objective 2.1.3 Water Safe for Swimming

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	<i>Beaches</i>
		Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	54	Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	Coordinate with MA DPH to implement beach monitoring program, including meeting performance criteria established by federal BEACH Act to remain eligible for FY07 beach grant.
PPA	55	Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	Participate in Regional Beach Initiative, including interagency beach workgroup and using “Flagship” beaches, Salem and Provincetown municipal beaches and Wollaston Beach, as models for state beach program.
		Objective 2.2 Protect Water Quality	Objective 2.2 Protect Water Quality
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	<i>303(d)/305(b)</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	56	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Submit updated electronic assessment files by April 1, 2007, pending EPA approval of MA's 303(d) list.
PPA	57	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	All new assessments done for the 2006 Integrated Report should be input into ADB within six months of hiring new staff, and pending EPA approval of MA's 303(d) list.
PPA	58	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Georeference waters to 1:25,000; MA will georeference to NHD when able to tie into NHD
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	<i>Monitoring</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	59	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Continue implementing final comprehensive water monitoring strategy covering lakes, rivers, estuaries, during FY2007.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	60	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Report on outcomes of monitoring activities using FY2005 and FY2006 106 supplemental funding for monitoring by Sept. 30, 2007, and prepare workplan for FY2007 106 supplemental funds by May 15, 2007.
PPA	61	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Wetlands monitoring strategy. Language to be determined by September 28, 2006.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	<i>Water Quality Standards - Biological, Nutrient, Temperature</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	62	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue efforts toward addressing flow quantity and water level issues to ensure protection of instream waters uses - at this point effort lead by other EOEAs offices.
PPA	63	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Start development of numerical biological criteria for WQS.
PPA	64	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue efforts, including coordination with EPA, towards adoption of appropriate WQS revisions.
PPA	65	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue to develop nutrient criteria in accordance with the Nutrient Criteria Development and Adoption Plan.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	<i>Watershed Approach (Please refer to EPA's proposed revisions to its strategic plan (2008-2012) and the national water program guidance for FY'07 for further description of the watershed measures)</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	<i>Highlights: priorities / projects / EPA commitments</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	66	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Using the PPA process, 303(d) list, the nonpoint source RFP, national estuary program CCMP, and other state processes, identify priority watersheds and water bodies for the state to focus effort to protect and improve water quality. Assist EPA Region 1 in developing targets for FY'08 and reporting progress for FY'07 on the watershed measures L, Y, and W.
PPA	67	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	In those priority water bodies and watersheds, leverage existing tools such as the state's TMDL, nonpoint source, water quality, permit, SRF grant, national estuary, and source water assessment programs to concentrate implementation efforts and to measure improvements.
PPA	68	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Work with EPA NE and submit a list of water bodies to EPA that the state will likely fully restore (measure L) or likely partially restore (measure Y) over the next several years (through 2012).
PPA	69	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	For measure W, work with EPA Region 1 to develop and submit a list of impaired watersheds (at the 12-digit level) that the state will most likely improve by 2012, and include the projected date of the improvement. The list should also include impaired watersheds where significant work is underway that "may" meet the improved definition by 2012 as well as those watersheds where significant work is underway that will probably not improve by 2012.
PPA	70	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Periodically provide input to EPA-New England on draft regional watershed game plan. Work collaboratively with the region to better measure and report results annually.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 319	<i>NPS 319</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 320	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	71	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 320	Continue to use the 2004 Nonpoint Source Program and Grants Guidelines for States and Territories to identify eligible activities, program priorities and reporting requirements. Additional guidance is in the national computational guidance issued for PAM measures.
PPA	72	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 321	Continue to work with other government agencies to influence the targeting of a portion of the Farm Bill Programs (e.g., EQIP) to areas of environmental concern (i.e., impaired waters, fragile waters in need of protection, and a watershed approach).
PPA	73	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 322	Continue to identify priority segments or watersheds for NPS funding as part of its RFP process. Increase the NPS program performance in the restoration or partial restoration of impaired waters and prepare and submit a success story for a representative number of restored or partially restored water bodies.
PPA	74	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 323	Continue to enter all 319 grant dollars and mandatory data elements into the Grants Reporting Tracking System (GRTS) by Feb 15th of each year.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	75	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 324	Continue to ensure that watershed based plans developed using incremental dollars portion of the 319 funds will contain the 9 (a- i) elements specified in the 2004 guidance the state will report by name each watershed based plan that supported under NPS Management programs since FY 2002 that have been substantially implemented.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	<i>NPDES Development</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	76	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Complete drafts for all permits for which the DEP agreed to prepare prior, including those agreed to prior to FY2005.
PPA	77	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Identify NPDES work-sharing activities for FY 2007, including Blackstone watershed permits.
PPA	78	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	NPDES Delegation . Language to be determined by September 28, 2006
PPA	79	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Participate in bi-monthly coordination and planning calls on the status of joint NPDES permits.
PPA	80	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Coordinate on NPDES Permitting for Power Plants.
PPA	81	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist EPA in responding to comments received during public comment periods.
PPA	82	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist EPA in defending NPDES permit appeals.
PPA	83	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue current level of effort on joint administration and enforcement of the Phase II MS4 Permit.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	84	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Current level of effort on reviewing and commenting on targeted Phase II MS4 Notices of Intent and Annual Reports.
PPA	85	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue current level of support to the regional program by helping with storm water permitting outreach efforts.
PPA	86	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist in the joint reissuance of Phase I MS4 permits for Boston and Worcester.
PPA	87	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Review and certify the reissued multi-sector general permit. Assist in planning for reissuance of next Small MS4 General Permit.
PPA	88	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue to work with EPA to approve and enforce Long Term CSO Control Plans.
PPA	89	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue to work with EPA to reconcile policy issues related to variances/water quality standards determinations/and affordability issues.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	<i>TMDL Development</i>
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	90	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Complete any remaining prior year TMDL commitments.
PPA	91	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Commit to completion of an additional number of TMDLs for FY07, and provide a tentative list of waterbodies involved by October 31, 2006 (future substitutions allowed).
PPA	92	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Participate in Region 1/State TMDL Innovations effort to improve environmental effectiveness of the TMDL program.
PPA	93	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Suggested TMDL commitment target range for FY06: 91-180

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 2.2.2 Improve Coastal & Ocean Waters	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters
		Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	<i>Dredged Material Management</i>
		Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	94	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	Participate on Regional Dredging Team Technical Workgroup (aka Sudbury Group) to coordinate with other federal and state agencies on planning and regulatory activities associated with dredging and dredged material management.
PPA	95	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	Coordinate with MA CZM to regulate dredging and dredged material disposal in MA coastal waters.
		Objective 2.3 Science & Research	Objective 2.3 Science & Research
		Sub-Objective 2.3.1 Apply Best Available Science	Sub-Objective 2.3.1 Apply Best Available Science
		Sub-Objective 2.3.1 Apply Best Available Science	Continue working with USGS on safe yield estimator.
		Sub-Objective 2.3.2 Conduct Leading Edge Research	Sub-Objective 2.3.2 Conduct Leading Edge Research
		Sub-Objective 2.3.2 Conduct Leading Edge Research	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	96	Sub-Objective 2.3.2 Conduct Leading Edge Research	Participate as feasible in meetings and planning sessions for the New England REMAP Lakes and Ponds Study (NELP), Biological Condition Gradient (BCG) workgroup.
PPA	97	Sub-Objective 2.3.2 Conduct Leading Edge Research	Participate in or coordinate with EPA's National Lakes Assessment, pending final scope of study.
		Objective 2.4 (MassDEP Objective) Maintaining Prior Gains in Water Quality	Objective 2.4 (MassDEP Objective) Maintaining Prior Gains in Water Quality
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading)	Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Permitting</i>	Issue permits that limit discharges of water pollutants to ground and surface waters, and sewers
		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Permitting</i>	<i>Highlights: priorities / projects / EPA commitments</i>
PPA		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Permitting</i>	Power Plant NPDES
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Permitting</i>	Groundwater discharge permits
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Permitting</i>	sewer discharge permits for selected contaminants such as perchlorate
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Compliance Assurance</i>	Ensure that industrial wastewater sources comply with permits and performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions
		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Compliance Assurance</i>	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Compliance Assurance</i>	Redesign the MassDEP industrial indirect discharger oversight program, and ERP reporting frequency
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- <i>Compliance Assurance</i>	Implement ERP dental mercury program
		GOAL 3: LAND PRESERVATION & RESTORATION	GOAL 3: LAND PRESERVATION & RESTORATION
		Objective 3.1 Preserve Land	Objective 3.1 Preserve Land
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling	Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Resource Conservation Challenge</i>	<i>Resource Conservation Challenge</i>
PPA	98	Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Resource Conservation Challenge</i>	Participate in discussions and possible collaboration on projects related to the RCC National Priority Areas (35% recycling with focus on organics, paper and packaging, beneficial use with focus on coal combustion products, foundry sand and construction and demolition debris, reduction of toxics chemicals and electronics).
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Solid Waste Master Plan (MassDEP heading)</i>	<i>Solid Waste Master Plan (MassDEP heading)</i>
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Solid Waste Master Plan (MassDEP heading)</i>	Develop a strategy for achieving the goal of reducing the solid waste stream requiring disposal by 70% by the year 2010 and track annual progress
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Solid Waste Master Plan (MassDEP heading)</i>	Highlights: priorities / projects / EPA commitments
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Solid Waste Master Plan (MassDEP heading)</i>	Develop a disaster debris management plan
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	<i>Grants loans, technical assistance (MassDEP heading)</i>
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Municipal Waste Reduction grants and technical assistance
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Highlights: priorities / projects / EPA commitments
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Municipal cardboard and paper
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Pay as you throw programs
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Commercial Waste Reduction Assistance
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Highlights: priorities / projects / EPA commitments

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Cardboard and paper
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- <i>Grants loans, technical assistance (MassDEP heading)</i>	Organics
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Authorization</i>	<i>RCRA Authorization</i>
PPA	99	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Authorization</i>	Submit final authorization application for Corrective Action program and related required rules.
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Permit Renewals</i>	<i>RCRA Permit Renewals</i>
MassDEP		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Permit Renewals</i>	Issue permits to hazardous waste management facilities: hazardous waste treatment storage and disposal facilities, hazardous waste transporters, and hazardous waste recyclers to ensure that their operations do not cause harm
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Permit Renewals</i>	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	100	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>RCRA Permit Renewals</i>	Renewals TSDF permits at three (3) facilities on FFY06-08 GPRA permit renewals baseline.
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	<i>UST</i>
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	<i>Highlights: priorities / projects / EPA commitments</i>
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Not PPG eligible - all states are eligible except Massachusetts; MA State Fire Marshal has its own categorical grant.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	101	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Improve UST Operational Compliance: (a) maintain or increase number of field inspections to determine significant operational compliance.
PPA	102	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Improve UST Operational Compliance: (b) continuing to improve operational compliance by 1% over rate of previous year.
PPA	103	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	By 8/8/07, have all UST facilities inspected at least once since December 1998.
PPA	104	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Reduce Number of Confirmed UST Releases Annually - Regional target of <400; between FY99 and FY05, confirmed releases averaged 495 (4% of National total).
PPA	105	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Evaluate existing UST Statutory Authority to determine whether the State has sufficient authority to adopt all upcoming USTCA requirements including, 2nd containment, delivery prohibition and operator training.
PPA	106	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Implement secondary containment and under dispenser spill containment regulations for any new tank or piping that is within 1,000 feet of any existing community water system or existing potable drinking water well, or installer/manufacturer financial responsibility requirements by 2/2007.
PPA	107	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Implement Delivery Prohibition Program one year after EPA guidelines are published or by 8/2007.
PPA	108	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- <i>UST</i>	Evaluate States capacity to produce government owned UST (local, state, fed) compliance report first due 8/2007.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	109	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly -- UST	Evaluate States capability to produce the USTCA public record which will include: the number, sources, and causes of underground storage tank releases; the record of compliance by USTs; and data on the number of UST equipment failures in State. First annual report due 8/2007.
		Objective 3.2 Restore Land	Objective 3.2 Restore Land
		Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases
PPA	110	Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response Team mechanism.
MassDEP			Implement comprehensive staff training program
MassDEP			Maintain and upgrade equipment and supplies to meet needs
MassDEP			Coordinate responses across DEP programs and with external agencies
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	<i>Corrective Action Sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	111	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Human Exposures Controlled Under Current Conditions at two (2) facilities.
PPA	112	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Contaminated Ground Water Migration Under Control at two (2) facilities.
PPA	113	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve site-wide Remedy Selection at two (2) facilities.
PPA	114	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Construction Complete at one (1) facility.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	115	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Assessment of financial assurance current status at remaining facilities from 2006 goal.
PPA	116	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Verify adequacy of financial assurance instrument at remaining facilities from 2006 goal.
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	<i>LUST</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	<i>Highlights: priorities / projects / EPA commitments</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	Not PPG eligible - funds are in separate LUST Trust Cooperative Agreement.
PPA	117	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	Reducing the Clean-up Backlog: The National target for annual clean-ups completed of releases from leaking underground storage tanks (LUSTs) is 13,600. At midyear of FY06, cumulative number of 12,478 LUSTs clean-ups were completed in New England, with a backlog of 3,881. Specific number of LUST cleanups completed for Massachusetts in FY07 will be negotiated in fall 06.
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Superfund Sites	<i>Superfund Sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Superfund Sites	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Superfund Sites	Ensure that state requirements are included in determining cleanup goals http://www.mass.gov/dep/cleanup/sites/superfund.htm
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Formerly Used Defense Sites	<i>Formerly Used Defense Sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Formerly Used Defense Sites	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Formerly Used Defense Sites	Ensure that the state's requirements are followed in establishing the priority list and cleanup goals
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	<i>Lead Shot Initiative</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	<i>Highlights: priorities / projects / EPA commitments</i>

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Educate and provide technical assistance to outdoor shooting range facilities on problem identification and remedies and implementation of Environmental Stewardship Plans
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Identify outdoor shooting ranges that require remedial actions and ensure implementation remedial plans
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Gather additional information, generated by both range and agency investigations on environmental conditions at shooting ranges, to inform LSI policy development and compliance/enforcement efforts
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Coordinate annual Environmental Stewardship seminars for outdoor shooting range managers in partnership with the Gun Owners' Action League and other external stakeholders
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	<i>Brownfields</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Coordinate Massachusetts participation in the 2006 National Brownfields Conference
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Develop a strategy for highlighting the state's innovative cleanup and brownfields programs
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Present a half-hour film that showcases the conversion of four to six contaminated properties
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Staff a booth for the duration of the conference and host or co-host a reception for state brownfields stakeholders
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Advocate and educate for brownfields redevelopment among municipal officials and the development community

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Provide technical assistance to municipalities, the Attorney General's Office and proponents of sites in Economic Development Areas
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	<i>Asbestos in Soil</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	Finalize policies and regulations to address the notification, assessment, cleanup and disposal soil contaminated with asbestos.
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	Update MassDEP's policy on reuse of soil at landfills to incorporate the reuse of soils containing low levels of asbestos
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	<i>Maximize risk reduction at waste sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Revise soil management requirements and policies to maintain cost-effective soil remediation options
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Finalize policy and guidance on implementation of Monitored Natural Attenuation
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Implement electronic collection and tracking of Remedial Monitoring Reports
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	<i>Ensure the quality of cleanups at waste sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Restore comprehensive training and outreach program to LSP and regulated communities
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Implement MCP revisions for asbestos-in-soil, petroleum in GW-1 areas and other initiatives

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Consult with the regulated community and LSPs to identify issues and develop agency policy and guidance to address issues of concern (e.g., urban fill and NAPL)
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	<i>Increase the rate of cleanup actions at waste sites</i>
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Begin billing non-responder universe
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Implement online data submittal and file review system
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Continue enforcement actions
		Sub-Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites	Sub-Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites
		Sub-Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites	No specific PPA related action for the State
		Objective 3.3 Enhance Science & Research	Objective 3.3 Enhance Science & Research
		Sub-Objective 3.3.1 Provide Science to Preserve & Remediate Land	Sub-Objective 3.3.1 Provide Science to Preserve & Remediate Land
		Sub-Objective 3.3.1 Provide Science to Preserve & Remediate Land	No specific PPA related action for the State
		Sub-Objective 3.3.2 Conduct Research to Support Land Activities	Sub-Objective 3.3.2 Conduct Research to Support Land Activities
		Sub-Objective 3.3.2 Conduct Research to Support Land Activities	No specific PPA related action for the State
		GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS	GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS
		Objective 4.1 Chemical, Organism & Pesticide Risks	Objective 4.1 Chemical, Organism & Pesticide Risks
		Sub-Objective 4.1.1 Reduce Human Exposure to Toxic Pesticides	Sub-Objective 4.1.1 Reduce Human Exposure to Toxic Pesticides
		GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS	No specific PPA related action for the State

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 4.1.2 License Pesticides	Sub-Objective 4.1.2 License Pesticides
		Sub-Objective 4.1.2 License Pesticides	No specific PPA related action for the State
		Sub-Objective 4.1.3 Reduce Chemical & Biological Risks	Sub-Objective 4.1.3 Reduce Chemical & Biological Risks
		Sub-Objective 4.1.3 Reduce Chemical & Biological Risks	No specific PPA related action for the State
		Sub-Objective 4.1.4 Reduce Risk at Facilities	Sub-Objective 4.1.4 Reduce Risk at Facilities
		Sub-Objective 4.1.4 Reduce Risk at Facilities	No specific PPA related action for the State
		Objective 4.2 Communities	Objective 4.2 Communities
		Sub-Objective 4.2.1 Sustain Community Health	Sub-Objective 4.2.1 Sustain Community Health
		Sub-Objective 4.2.1 Sustain Community Health	No specific PPA related action for the State
		Sub-Objective 4.2.2 Restore Community Health	Sub-Objective 4.2.2 Restore Community Health
		Sub-Objective 4.2.2 Restore Community Health: Environmental Justice	<i>Environmental Justice</i>
		Sub-Objective 4.2.2 Restore Community Health: Environmental Justice	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	118	Sub-Objective 4.2.2 Restore Community Health: Environmental Justice	In coordination with EPA New England, identify any ongoing and implement new activities, as appropriate, that will advance environmental justice within state programs. Refer to EPA New England's EJ Functional Guidance Compendium, Chapter 9: Performance Partnership Agreements with States, for a list of potential activities that should be considered.
		Objective 4.3 Ecosystems	Objective 4.3 Ecosystems
		Sub-Objective 4.3.1 Protect & Restore Ecosystems	Sub-Objective 4.3.1 Protect & Restore Ecosystems
		Objective 4.3 Ecosystems: National Estuary Program	<i>National Estuary Program</i>
		Objective 4.3 Ecosystems: National Estuary Program	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	119	Objective 4.3 Ecosystems: National Estuary Program	Provide administrative, technical, and financial support to the National Estuary Programs in your state.
PPA	120	Objective 4.3 Ecosystems: National Estuary Program	Disseminate national and regional guidance and award funds in a timely fashion.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
PPA	121	Objective 4.3 Ecosystems: National Estuary Program	Participate on Buzzards Bay National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Buzzards Bay CCMP.
PPA	122	Objective 4.3 Ecosystems: National Estuary Program	Participate on Massachusetts Bays National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Massachusetts Bays CCMP.
		Sub-Objective 4.3.2 Increase Wetlands	Sub-Objective 4.3.2 Increase Wetlands
		Sub-Objective 4.3.2 Increase Wetlands: Wetlands	<i>Wetlands</i>
		Sub-Objective 4.3.2 Increase Wetlands: Wetlands	<i>Highlights: priorities / projects / EPA commitments</i>
PPA	123	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	For each year of the PPA, the wetlands program will develop a web-based work plan which identifies and describes how the program will work towards building and refining any element of a comprehensive wetland program specific to HQ and regional guidance on the subject.
PPA	124	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Update annually a web-based tracking report on gains and losses on wetlands state-wide by December 31st of each year. Every five years (2010, 2015, etc.) report of trends and patterns for the previous five years.
PPA	125	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Web-based report on DEP wetland enforcement initiative findings and results. Complete a report describing this effort, including the methods, and approximate costs that would be helpful for other states to consider similar projects.
PPA	126	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Continue to participate in the NEBAWWG biological monitoring and assessment initiative.
		Objective 4.4 Enhance Science & Research	Objective 4.4 Enhance Science & Research

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 4.4.1 Apply the Best Available Science	Sub-Objective 4.4.1 Apply the Best Available Science
		Objective 4.4 Enhance Science & Research	No specific PPA related action for the State
		Sub-Objective 4.4.2 Conduct Relevant Research	Sub-Objective 4.4.2 Conduct Relevant Research
		Sub-Objective 4.4.2 Conduct Relevant Research	No specific PPA related action for the State
		Objective 4.5 (MassDEP Objective) Proper Hazardous Waste Management	Objective 4.5 (MassDEP Objective) Proper Hazardous Waste Management
		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management	Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Ensure that hazardous waste management facilities, transporters, and generators comply with permits, performance standards, and reporting requirements, through report reviews, inspections, technical assistance and enforcement actions
		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect TSDFs at least once a year per the EPA compliance monitoring strategy as adjusted for MA
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect large quantity hazardous waste generators every three, five or eight years depending upon their compliance history per the EPA compliance monitoring strategy as adjusted for MA
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect small quantity hazardous waste generators as necessary
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Baseline assessment of SQG compliance rates
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Respond to the results of the EPA Compliance program review
EPA		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Continue to populate EPA's RCRA INFO data base

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly	Sub-Objective 4.5.2 (Mass DEP Sub-Objective) Manage Solid Wastes Properly
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Permitting	Issue permits to solid waste management facilities: municipal waste combustors, landfills, transfer stations, composting facilities, to ensure that their operations do not cause harm
		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Permitting	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Permitting	Assess and update permits for construction and demolition debris processors
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Permitting	Asses and update permits for petroleum contaminated soils processors
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Enforcement of illegal dumping prohibitions through the use of surveillance cameras
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Ensure that waste management facilities operate in accordance with their permits through report reviews, inspections, and enforcement follow-up as needed
		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	<i>Highlights: priorities / projects / EPA commitments</i>
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Compliance with the bans on disposal of certain recyclable waste streams
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Compliance Assurance	Assessment of landfills that were closed prior to 1990
MassDEP		Sub-Objective 4.5.2 (Mass DEP Sub-Objective) Manage Solid Wastes Properly -- Beneficial Uses of Solid Waste	License the beneficial reuse of solid waste to ensure that it does not cause harm to residents or the eco - system
		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Sub Objective 4.5.3 (MassDEP Sub-Objective) Managing Toxic Chemicals

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Implement the toxics use reduction program: collect, manage, analyze the annual and biennial reports, enforce the reporting and toxics use reduction planning requirement
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Redesign Toxics Use Reduction program per amendments adopted this summer
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Implement the new Mercury In Products Legislation
		GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP	GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP
		Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation
PPA	127	Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	Submit annual Compliance Plans containing descriptions of the state's compliance, assistance, and innovative programs, including projections for inspections and other priority activities. See "FY2007 Guidance for Compliance and Assistance and Innovative Program Strategies in New England Performance Partnership Agreements".
PPA	128	Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	Submit annual End of Year report on Compliance, assistance and innovation program accomplishments, activities, and results.
		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Objective 5.1.1 Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for assessment
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for HLE
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for Policy/Program Development

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Manage routine regulatory reporting: ERP, Rideshare, etc
		Objective 5.3 Build Tribal Capacity	Objective 5.3 Build Tribal Capacity
		Objective 5.4 Enhance Science & Research	Objective 5.4 Enhance Science & Research
		CROSS CUTTING ISSUES	CROSS CUTTING ISSUES
		Re-Opener Clause	Re-Opener Clause
PPA	129	Re-Opener Clause	The Regional Office will strive to honor the spirit of the PPA. In keeping with this spirit the Region will work with EPA HQ to limit the impact of unexpected demands on the states. To address New, very high priority issues that might emerge a re-opener clause will be included as part of this process permitting the Regional Office and/or the state to introduce necessary changes to the PPA.
PPA	130	Re-Opener Clause	A process for jointly evaluating and reporting progress and accomplishments under the workplan must be developed and described in the workplan. The process must be based on a negotiated schedule. (40CFR35.115)
PPA	131	Re-Opener Clause	An annual written progress report must be submitted within 90 days after the end of the annual grant period. (40CFR35.115, 40CFR31.
		QMP QAPP	QMP QAPP
PPA	132	QMP QAPP	Continue to implement the State Quality Management Plan (QMP) and submit an annual update letter to the EPA-NE Quality Assurance Unit documenting progress over the year and any changes made to the QMP.

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Origin	P&C #	EPA Goal / Objective / category	<i>GOALS/OBJECTIVES/ACTIVITIES</i>
PPA	133	QMP QAPP	Submit, to EPA-NE Quality Assurance Unit, an updated annual list of new and active approved Quality Assurance Project Plans (QAPPs), including Sampling and Analysis Plans/QAPP Addendums approved under generic Program QAPPs.

Quality Assurance Management Program (QA/QC)

In order to ensure that all data generated under this agreement will be of known and documented quality suitable for use as environmental indicators and program outcomes and outputs, the Department and EPA Region I will maintain a Quality Assurance Management Program. The Quality Assurance Management Program is documented in the Department's Quality Management Plan (QMP) developed in 2001 in accordance with *EPA Requirements for Quality Management Plan (EPA QA/R-2)*. The QMP is designed to:

- Ensure that quality assurance project plans completed by DEP or DEP's grantees and contractors meet the *EPA Requirement for Quality Assurance Project Plans (EPA QA/R-5)* and are completed and approved prior to data collection activities;
- Coordinate quality assurance efforts among the bureaus, programs and offices at DEP;
- Oversee the planning, implementation and assessment of environmental quality assurance programs;
- Oversee the planning, generation, evaluation and reporting of data associated with quality indicators; and
- Schedule the review and updating of the QMP annually to identify and make any needed changes to the quality system and submit a revised QAPP list (Table 1 of the QMP) to EPA. The Department will provide annual updates, including any needed changes and a revised QAPP list on January 1 of each year.
- The MA DEP Quality Management Plan was approved by US EPA on October 2, 2001 for five years.

EPA New England's Quality Assurance Office will continue to work with DEP by providing guidance, training and technical support.

Reporting Requirements

EPA, nationally and on a regional basis, is engaged in efforts with states to identify and address opportunities to reduce reporting burdens. MassDEP is interested in pursuing all efforts that will reduce the resources needed to complete reports and focus resources on more meaningful collection and use of environmental and programmatic information.

During the negotiation of the 2004 Performance Partnership Agreement, MassDEP and EPA worked to develop a comprehensive list of reporting requirements under the PPA and related documents and agreements. It has not been possible to construct an exhaustive list of all reporting requirements included in the PPA and the underlying and related agreements, laws and regulations. The following are high-priority reporting requirements that are particularly important to MassDEP's mission and are of particular value to the regulated communities.

Reporting of program data required by federal programs will continue under this agreement as MassDEP and EPA continue discussions about state reporting requirements to national databases. Of particular interest to MassDEP and many states is the need to vigorously scrutinize existing state reporting requirements to the national databases. MassDEP and other states feel that many of the detailed programmatic reporting requirements are meaningless and should be deleted or amended to make them meaningful to EPA, the states, and the public.

MassDEP continues to work with severely constrained resources and with significantly reduced staffing levels (25% over the past 2 years). Therefore, in the event that MassDEP must prioritize in meeting reporting requirements, the following high-priority reports are where resources will be dedicated under the 2005-2006 PPA.

Goal 1: Clean Air - Priority Clean Air Reporting Requirements

Annual Reports on Implementation of the Automobile Inspection and Maintenance I/M Program: The Massachusetts I/M state implementation plan requires that the state submit annual reports on its program.

2002 Update to the National Emission Inventory: MassDEP will submit an inventory of ozone and particulate matter precursors by June 1, 2004. Because the 2002 emission inventories will serve as the baselines for progress in attaining

the new eight-hour ozone and fine particulate matter standards, these inventories are particularly important.

Submission of Ambient Monitoring Results to the AIRS Database: Given the important role of ozone and fine particulate matter monitoring in the designation of attainment and non-attainment areas, MassDEP will continue to input monitoring data to the AIRS database. MassDEP is currently submitting this data on a regular basis.

Massachusetts Nitrogen Oxides (NOx) Budget Program: For each summertime ozone season, MassDEP will allocate NOx allowances among subject sources (i.e., power plants) and report them to EPA's Clean Air Markets Division by the April 1st three years before the ozone season. Given the importance to air quality of this program, it's critical to meet this requirement, and MassDEP has been doing so to date. Starting in 2006 and every three years thereafter, MassDEP is also required to conduct an audit of the implementation of the NOx Allowance Trading Program.

Clean Air Reporting Required Outside the PPA Process

To provide a context concerning the relationship between federal requirements and the Performance Partnership Agreement (PPA), the following are some examples of federal requirements outside the PPA. These requirements are outside the PPA either because they are outside the scope of the PPA (for example, Clean Water Act State Revolving Fund) or have not been restated in the PPA because they are required in an existing formal source (law, regulation, delegation agreement, etc.) and have not become part of the PPA strategic discussion. These examples provide a good sense of the source and types of requirement outside the PPA, but are by no means an attempt to provide a comprehensive listing of all requirements.

Clean Air Act Provisions

Example: Section 182 (c) provides the timeline for many SIP submissions requirements due in the 1990's. Partly because MassDEP has wanted the PPA to only reflect the most significant expectations, the PPA has not always contained every one of these submissions (e.g., requirement to submit ozone precursor inventory every three years). MassDEP air staff is aware of these requirements.

EPA's SIP Actions in the Federal Register

Example: EPA sometimes attaches conditions on its approval of SIP submissions. These conditions may require MassDEP to take some action.

National Data Base

Example: MassDEP submits monitoring and compliance information into the AIRS and AFS systems.

Other Grants

Example: Grants to MassDEP for PM2.5 monitoring are not included in the PPA and do involve a number of commitments by DEP to report information.

Delegation Agreements

Example: Massachusetts has assumed delegation of numerous MACT, NESHAP or NSPS emission standards. Under the delegation agreement, EPA regularly sends MassDEP lists of new standards with a request that MassDEP indicate the standards for which they wish to accept delegation.

National Regulations

Example: The I/M regulations require that each state submit annual reports on its program.

National Guidance Documents

Example: The request for submissions of ozone and PM designations were issued in guidance document by EPA, and sent to the Governors with letters explaining the importance of the request.

Goal 2: Clean and Safe Water**Priority Drinking Water Reporting Requirements**

Monthly Reports on the status and frequency of inspections and certification determinations for in-state microbiological laboratories: MassDEP and EPA R1 have negotiated an aggressive laboratory inspection schedule to ensure that an adequate laboratory inspection and certification schedule is maintained.

2004 Data Verification Report: EPA Region I will be conducting a data verification audit via state drinking water file reviews to determine potential discrepancies in complying system inventories, and identifying monitoring and drinking water standards violations.

Submission of Violation Results to the SDWIS Database: Timely and accurate information on drinking water system violations is a significant indicator of public health protection and performance of drinking water programs. MassDEP will continue to import such information into SDWIS on a timely basis.

Annual Reports on Capacity Development and Operator Certification

Programs: These programs are important to the overall health of the drinking water program. Their particular emphasis is on the need to support small systems, the vast majority of systems in Massachusetts.

Quarterly Reports on State Water Security Activities: MassDEP will use grant monies to support state and local coordination relating to water security and emergency response planning. Close tracking of these efforts will continue to be an important item.

Drinking Water Reporting Required Outside the PPA Process

To provide a context concerning the relationship between federal requirements and the Performance Partnership Agreement (PPA), the following are some examples of federal requirements outside the PPA. These requirements are outside the PPA either because they are outside the scope of the PPA (for example, Clean Water Act State Revolving Fund) or have not been restated in the PPA because they are required in an existing formal source (law, regulation, delegation agreement, etc.) and have not become part of the PPA strategic discussion. These examples provide a good sense of the source and types of requirement outside the PPA, but are by no means an attempt to provide a comprehensive listing of all requirements.

Safe Drinking Water Act Provisions

Example: Section 1413 of the SDWA (a) provides general timelines by when States must adopt promulgated federal drinking water regulations, and submit appropriate and adequate documentation (e.g., primacy applications). Specific deadlines depend upon the dates on which the respective regulations have been promulgated. Other specific program implementing reporting requirements are embedded within the SDWA, such as notification of systems' variance & exemptions, and the Biennial Wellhead Program Status Report.

National Data Bases

Example: MassDEP imports drinking water system violations into SDWIS on a regular basis. Underground Injection Control (UIC) program submits quarterly

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reports and an annual report to EPA R1 on program activities and measures of success for input into the national database.

Other Grants

Example: As of 10/30/03, MassDEP has received \$300K dollars in water security funds. Quarterly reports on such grant work progress is required.

Extension Agreements

Example: Extension Agreements between EPA R1 and MassDEP outline specific extended primacy deadlines, and implementation and reporting requirements appropriate for each rule. Such reporting is particularly important for EPA R1 in cases where the Region has interim primacy enforcement authority.

State Revolving Loan Program Requirements

Under the Drinking Water State Revolving Loan Fund, the state submits a biannual program report, and annual financial audit, annual capacity development and operator certification implementation reports, list of systems in significant non-compliance (every three years) and electronic input into the NIMS system.

Regional Program Evaluations and IG Audits

Example: the Inspector General recently completed an audit of State Capacity Development Programs, including the Massachusetts program. Other IG audits or surveys may occur during the year.

National Regulations

Periodic updates on the implementation of certain regulations are required by federal regulations and by virtue of state primacy agreements.

National Guidance and Program Measures

MassDEP will provide data for EPA Region 1's report on the national annual drinking water program objectives and measures. Commitments between EPA R1 and EPA OW are reflected in a Memorandum of Agreement.

Microbiological Laboratory Inspections and Certification Determinations

MassDEP is required to inspect and certify in-state microbiological laboratories on a three-year cycle. There is currently a backlog in certification and an aggressive schedule has been put in place to address this laboratory certification backlog. Monthly updates are sent by MassDEP to EPA.

Priority Surface Water Reporting Requirements

Water Quality Standard Revisions: The Clean Water Act ss303(c) requires the state to hold public hearings at least every three years to review and revise its Water Quality Standards and to submit these new or revised standards to EPA.

List of Impaired Water: The Clean Water Act ss 303(d) requires the state establish and periodically revise (every two years) its priority ranking of waters which do not meet water quality standards. This is now done with the Integrated List which combines the ss 303(d) list with the ss 305(b) list.

TMDLs: The Clean Water Act 303(d) requires that state to establish TMDLs and submit them to EPA.

State Water Quality Reports: The Clean Water Act ss 305(b) requires states to prepare and submit to EPA a water quality assessment reports every 2 years. This integrated ss305(b)/ss303(d) Listing Report, which combines the ss 303(d) list with the ss 305(b) assessments is due by April 1, 2004 and every two years thereafter. In addition, MassDEP develops individual watershed assessment reports on a five year rotating cycle that serves as the primary information for the development of the Integrated List. The watershed assessment reports are not a federal requirement.

Non-Point Source (NPS) Annual Report: The Clean Water Act ss 319(b)(11) requires that state annually to report and revise as appropriate on its NPS program and plan.

State Water Monitoring and Assessment Program: To meet FY 2005 ss 106 grant requirements, the state submitted a Comprehensive Water Monitoring and Assessment Strategy in September 30, 2004. This Strategy serves as the roadmap for expanding state monitoring activities over the next 10 years

Surface Water Reporting Required Outside the PPA Process

To provide a context concerning the relationship between federal requirements and the Performance Partnership Agreement (PPA), the following are some examples of federal requirements outside the PPA. These requirements are outside the PPA either because they are outside the scope of the PPA (for example, Clean Water Act State Revolving Fund) or have not been restated in the PPA because they are required in an existing formal source (law, regulation, delegation agreement, etc.) and have not become part of the PPA strategic discussion. These examples provide a good sense of the source and types of

requirement outside the PPA, but are by no means an attempt to provide a comprehensive listing of all requirements.

Other Grants

Clean Water Act State Revolving Fund

Annual financial audit, annual program report, annual minority business and women's business (MBE/WBE) report

Other Monitoring: MassDEP has instituted a bacteria source tracking program in each of our regional offices to identify and eliminate pollution sources.

National Guidance and Program Measures (Surface Water and Watersheds)

Several new national program measures have been proposed by EPA that are new tracking requirements and not currently tracked by MassDEP. MassDEP intends to use the Integrated List as a means of tracking water quality actions and improvements over time and will work with Region I to provide as much information on these measures as possible without revising existing programs.

Goal 3: Manage Waste and Clean-up Waste Sites

Underground Storage Tanks

Semi-Annual Activity Report: This semi-annual report covers activities at federally regulated USTs, including confirmed releases from USTs, cleanups initiated, cleanups completed, emergency responses, and releases from upgraded USTs (separate report: see below)

LUST Grant Dollar Drawdown: This quarterly (or more frequently if EPA requests it) report documents the amount of funding we have used from available LUST grant funds.

LUST Grant Closeout "Final FSR": This report, prepared every two years, details where the LUST grant dollars were spent, on such things as a staff oversight, contractor costs, site-specific cleanup, and tangible items such as pumps, blowers, etc.

Priority Site Remediation and Restoration Reporting

Superfund Remedial NPL: The following NPL Sites will require MA DEP review and concurrence.

- Records of Decision: Blackburn & Union; Nuclear Metals (Starmet); Nyanza; Iron Horse Park OU#4; New Bedford Harbor OU#3; Sutton Brook; Wells G&H
- Records of Decision amendments/ESD: Groveland Wells OU#2; Silresim OU#1B
- Five Year Review:
- Superfund Reuse Assessment:

Superfund Remedial Federal Facilities NPL

- Feasibility Study: South Weymouth Naval Air Station (2); Natick Lab (2); Devens (2); MMR (2)
- CDR: Naval Weapons Industrial Reserve Plan
- Records of Decision: South Weymouth Naval Air Station (11); Naval Weapons Industrial Reserve Plan (2); Natick Lab; Devens; MMR (6)
- Records of Decision amendments/ESDs: Natick Lab; Devens (2); MMR (8)
- Five Year Review: South Weymouth Naval Air Station; Natick Lab; MMR
- Superfund Reuse Assessment: Naval Weapons Industrial Reserve Plant

RCRA Corrective Action

MA DEP must issue a Grant of Environmental Restriction at the **Zeneca** facility in Dighton prior to EPA issuing its consent order for corrective action at the site.

RCRA Permitting Information

- Permit Renewal Tracking
- Permit/Post Closure Approved Controls In Place tracking

Site Remediation and Restoration Reporting Outside the PPA

Superfund Pre-remedial: MA DEP currently has Superfund Pre-Remedial Cooperative Agreement (V98116401) which also includes Brownfield site Assessment activities (the BSA portion of this cooperative agreement is a continuation of the activities funded under Superfund

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MA DEP will review eligible Response Site List and provide feedback on EPA's proposed sites to be excluded from the enforcement bar provision in the new Brownfields legislation.

Superfund Block Grant: This report includes National Priority List (NPL) Support Agency activities for 24 NPL sites and core activities for eligible non-site specific work.

Typical activities performed by the state include reviewing and commenting on all major documents, and concurring on records of decision, participating in public meetings and site management meetings, overseeing state contractors, identifying state ARARs, and performing timely communication of issues and concerns. Under the Superfund Regulation, 40 CRF Part 35 Subpart O, MA DEP is required to submit the following under this CA: Quarterly Progress Reports, Financial Status Reports, MBE/WBE Reports, and Property Inventory Reports, if applicable.

Brownfields Reporting Outside the PPA

Multi-Site Cooperative Agreement/Brownfields Site Assessment: This quarterly report relates to evaluating sites on CERCLIS (EPA's database of sites potentially eligible for NPL listing), including EPA Preliminary Assessment and Site Inspection reports, reviewing No Further Action decisions and decisions to remove sites from the list, and recommending additions to CERCLIS and for NPL listing. We also report on selection of sites for Brownfields Site Assessments and their progress.

Brownfields Cooperative Agreement: This quarterly report includes activities listed in our approved grant related to establishing and/or enhancing the program elements contained in the 2002 federal Brownfields legislation, and to developing/maintaining the required public record. We also report on site selection for new Brownfields Site Assessments.

Enforcement and Compliance Reporting Outside the PPA

Regular Reporting of Inspection and Enforcement Information into National Program Data Systems: With the advent of much wider public access to compliance data through EPA's Enforcement and Compliance History Online (ECHO) website in 2002, timely and accurate entry of inspection and enforcement data and quality assurance of the information is of significant

importance. In addition, DEP and EPA's increasing focus on using the data in our systems to manage the programs requires that the data be current and of high quality.

Annual Compliance and Enforcement Performance Report: This important report summarizes DEP's compliance and enforcement performance for EPA and the public.

OES Information Needed from MA DEP

RCRA Compliance Program Required Reports /Information

- EOY Report per the PPA
- Data Entry and Maintenance of RCRAInfo for all RCRA Activities
- State specific priority write ups where substituted in lieu of core program activities distributed to the States (e.g., 20% generator coverage, etc.)

Water Compliance Program Required Reports/Information

- NPDES Minors Reporting – 40 CRF 123.45(c) requires that the Region submit to EPA Headquarters an annual reporting of the compliance status of NPDES minor permittees in Massachusetts. The report is to include the total number of minors reviewed, the number of noncomplying minors, the number of enforcement actions issued to minors, and the number of permit schedules extending compliance deadlines. The report is due annually on February 28th. EPA requests that MA DEP provide relevant information regarding MA DEP's enforcement against minors conducted during the preceding year so that it can be incorporated into the report.
- NPDES Inspection Reporting – Individual EPA 3560 Forms – Water Compliance Inspection Reports must be completed for each inspection that the MA DEP would like to have coded into EPA's Permits Compliance System database. Copies of these forms must be submitted to EPA.
- MA DEP Enforcement Actions – Copies of all informal and formal water administrative, judicial and penalty enforcement actions must be submitted to EPA. Similarly, EPA provides the MA DEP with copies of all EPA formal and informal enforcement actions.

Air Compliance Program Required Reports/Information

- EOY Report per the PPA
- Biennial Inspection Plan (Compliance Monitoring Strategy) – can be submitted with PPA

- Data Entry and Maintenance of AFS mandatory data elements
- High Priority Violator coordination and reporting to AFS

General Grant Reporting Requirements

Grantees shall submit annual performance reports within 90 days of the end of the grant year. The reports will address: accomplishments as measured against work plan commitments, cumulative effectiveness of the work performed under all work plan components, existing and potential problem areas, suggestions for improvement, including, where feasible, schedules for making the improvements. (40 CFR 31.40 and 40 CFR 35.115)

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Performance Partnership Program Budget- Preliminary Budget for Federal Fiscal Year 2007

	<u>FEDERAL BUDGET</u>
	<u>FFY2007</u>
PERSONNEL	\$ 5,643,716
FRINGE BENEFITS @ 31.28%	\$ 1,765,354
TRAVEL	\$ 61,087
EQUIPMENT	\$ 30,000
SUPPLIES	\$ 74,575
CONTRACTUAL	\$ 2,541,246
CONSTRUCTION	\$ -
OTHER	\$ 153,359
TOTAL DIRECT	\$ 10,269,337
INDIRECT CHARGES @ 32.76%	\$ 3,525,521
TOTAL BUDGET	\$ 13,794,858

FFY2007 Preliminary Budget is projected at FFY 2006 funding level.

List of Acronyms

AQS - Air Quality System	LCR – Lead and Copper Rule
BACT – Best Available Control Technology	LQG – Large Quantity Generator
BART– Best Available Retrofit Technology	LT 2 – Long Term 2 Enhanced Surface Water Treatment Rule
CAA – Clean Air Act	LTCP- Long Term Control Plan
CAFO – Combined Animal Feeding Operation	LUST – Leaking Underground Storage Tank
CAIR - Clean Air Interstate Rule	MACT – Maximum Available Control Technology
CALM – Consolidated Assessment and Listing Methodology	MANE VU- Mid-Atlantic Visibility Union
CCMP – Comprehensive Conservation and Management Plan	MS4 – Municipal Separate Storm Sewer System
CEM/COM Parameter EER reports – Continuous Emissions Monitoring/Continuous Opacity Monitoring, Excess Emissions Report	NAAQS – National Ambient Air Quality Standards
CWS – Community water system	NAMS/SLAMS – National Air Monitoring Stations/State and Local Air Monitoring Stations
CO - Carbon Monoxide	NCWS – Non-community water systems
CSO – Combined Sewer Overflow	NDA - No Discharge Area
DMR – Discharge Monitoring Report	NEAEB – New England Association of Environmental Biologists
DPW – Department of Public Works	NEBAWWG – New England Biological Assessment of Wetlands Work Group
DV- Data Verification	NEG/ECP – New England Governors and Eastern Canadian Premiers
ECHO – Enforcement and Compliance History online	NELP – New England Lakes and Ponds
EJ – Environmental Justice	NHD - National Hydrography Dataset
EPA NE- Environmental Protection Agency – New England	NMC – Nine Minimum Controls
EQIP – Environmental Quality Incentive Program	NMFS - National Marine Fisheries Service
FIFRA – Federal Insecticide, Fungicide, and Rodenticide Act	NO_x – Nitrogen Oxides
GRTS- Grants Reporting and Tracking System	NPAP – National Performance Audit Program
GWUDI – Ground Water Under Direct Influence of surface water	NPDES – National Pollutant Discharge Elimination System
HPV – High production volume chemicals	NPS - Non-point source
HQ – Headquarters	NSR – New Source Review
ICIS – Integrated Compliance Information System	OECA – Office of Compliance Assistance
I/M – Inspection/Maintenance	OEP - Office of Environmental Protection
LAER- Lowest Available Emission Rate	

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OES – **Office of Environmental Stewardship**
OTC - **Ozone Transport Commission**
PAM – **Program Activity Measure**
PART – **Program Assessment and Rating Tool**
PCB- **Polychlorinated biphenyls**
PCI – **Pretreatment Compliance Inspection**
PEP – **Performance Evaluation Program**
PM – **Particulate Matter**
PPA – **Performance Partnership Agreement**
PPG – **Performance Partnership Grant**
QA - **Quality Assurance**
QAPP - **Quality Assurance Project Plan**
QMP – **Quality Management Plan**
RACT – **Reasonably Available Control Technology**
RCC – **Resource Conservation Challenge**
RCRA – **Resource Conservation and Recovery Act**
RCRIS – **Resource Conservation and Recovery Information System**
REMAP- **Regional Environmental Monitoring and Assessment Program**
RFP – **Request For Proposal**
SDWIS – **Safe Drinking Water Information System**
SIP – **State Implementation Plan**
SIU – **Significant Industrial User**
SNC – **Significant Non-Compliance**
SQG – **Small Quantity Generator**
SSO – **Sanitary Sewer Overflow**
STORET- **STOrage and RETrieval system**
SWTR – **Surface Water Treatment Rule**
TCR – **Total Coliform Rule**
TMDL - **Total Maximum Daily Load**
TSCA - **Toxic Substances Control Act**
TSDF – **Treatment, Storage and Disposal Facility**
UIC – **Underground Injection Control**
UST – **Underground Storage Tank**

USTCA – **Underground Storage Tank Compliance Act**
VOC – **Volatile organic compounds**
WQS - **Water Quality Standards**
WQX – **Water Quality Exchange**